

Reservation, Tribe, and Indian Country Areas Emission Estimate

Description	NOx (tons/year)		VOCs (tons/year)		CO (tons/year)		SOx (tons)
	Duchesne	Uintah	Duchesne	Uintah	Duchesne	Uintah	Duchesne
2014 Utah O&G EI							
Dehydrators	1	4	186	3,686	6	10	
Fugitives			1,530	12,371			
Pneumatic Controllers			421	3,772			
Pneumatic Pumps			191	10,941			
RICE&Engines	2,418	4,075	370	807	2,774	2,844	2
Separators&Heaters	625	1,362	34	75	525	1,144	4
Tanks	5	9	1,902	7,137	17	31	
Truck Loading			475	410			
Well Completions (Drilling)	223	720	155	506	84	281	
2014 WRAP Projection Estimates							
Condensate tank flaring	0	0	-	-	0	1	-
Venting - blowdowns	-	-	30	294	-	-	-
Venting - initial completions	-	-	21	58	-	-	-
Venting - recompletions	-	-	3	9	-	-	-
Gas Plant Truck Loading	-	-	0	3	-	-	-
Venting - Compressor Startup	-	-	84	831	-	-	-
Venting - Compressor Shutdown	-	-	79	788	-	-	-
Dehydrator Flaring	0	0	-	-	0	0	-
Initial completion Flaring	0	0	-	-	1	1	-
Additional Sources							
Wastewater Ponds			3,428	20,342			
Solid Waste Disposal			0	206			
Oil and Gas Tool							
Oil Exploration: Mud Degassing			809	792			
Gas Exploration: Mud Degassing			1	94			
All Sources							
County Total (Duchesne & Uintah)	3,272	6,171	9,720	63,123	3,406	4,313	6
Combined Total (Duchesne + Uintah)	9,443		72,843		7,719		26

/year)	PM10 (tons/year)		PM2.5 (tons/year)		CH2O (tons/year)	
Uintah	Duchesne	Uintah	Duchesne	Uintah	Duchesne	Uintah
11	77	62	77	62	149	196
8	48	104	48	104		
	5	30	5	30		
-	-	-				
-	-	-				
-	-	-				
-	-	-				
-	-	-				
-	-	-				
-	-	-				
-	-	-				
-	-	-				
19	130	196	130	196	149	196
	325		325		345	

Emission Source	VOC (TPY)	
Dehydrators	3,872	5%
Fugitives	13,901	19%
Pneumatic Controllers	4,193	6%
Pneumatic Pumps	11,133	15%
RICE&Engines	1,177	2%
Separators&Heaters	109	0%
Tanks	9,039	12%
Truck Loading	885	1%
Well Completions (Drilling)	661	1%
Condensate tank flaring	0	0%
Venting - blowdowns	324	0%
Venting - initial completions	79	0%

Venting - recompletions	12	0%
Gas Plant Truck Loading	3	0%
Venting - Compressor Startup	915	1%
Venting - Compressor Shutdown	867	1%
Dehydrator Flaring	0	0%
Initial completion Flaring	0	0%
Wastewater Ponds	23,770	33%
Solid Waste Disposal	206	0%
Oil Exploration: Mud Degassing	1,601	2%
Gas Exploration: Mud Degassing	95	0%
TOTAL	72,843	

check: 0

Uinta Basin 2014 O&G Emission Inventory - Indian country

Emission Source	VOC (TPY)	NSPS OOOO/ OOOOa	UDAQ
Wastewater Ponds	23,770		YES (by permit)
Fugitives	13,901	YES	YES
Pneumatic Pumps	11,133	YES	YES
Tanks	9,039	YES	YES
Pneumatic Controllers	4,193	YES	YES
Dehydrators	3,872		YES
Oil Exploration: Mud Degassing	1,601		
RICE&Engines	1,177		YES
Venting - Compressor Startup	915		
Truck Loading	885		YES
Venting - Compressor Shutdown	867		
Well Completions (Drilling)	661	YES	
Venting - blowdowns	324		
Solid Waste Disposal	206		
Separators&Heaters	109		
Gas Exploration: Mud Degassing	95		
Venting - initial completions	79	YES	
Venting - recompletions	12		
Gas Plant Truck Loading	3		
Condensate tank flaring	-		
Dehydrator Flaring	-		
Initial completion Flaring	-		
TOTAL	72,843		

